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WATER SUPPLY OUTLOOK FOR OREGON

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Collaborating with

OREGON DEPARTMENT OF WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
JUNE 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P.O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

USDA-SCS-PORTLAND, OREG.-1975

WATER SUPPLY OUTLOOK FOR OREGON

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued

JUNE 8, 1976

Issued by

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WASHINGTON, D C

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STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
PORTLAND, OREGON

In Cooperation with

OREGON
DEPARTMENT
OF
WATER RESOURCES

Report prepared by

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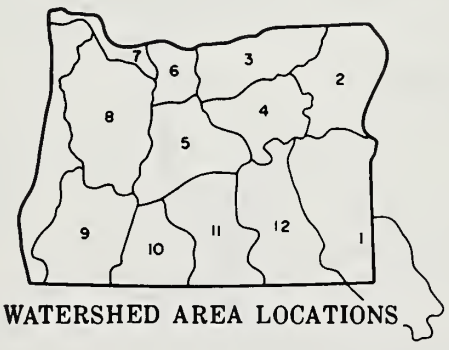
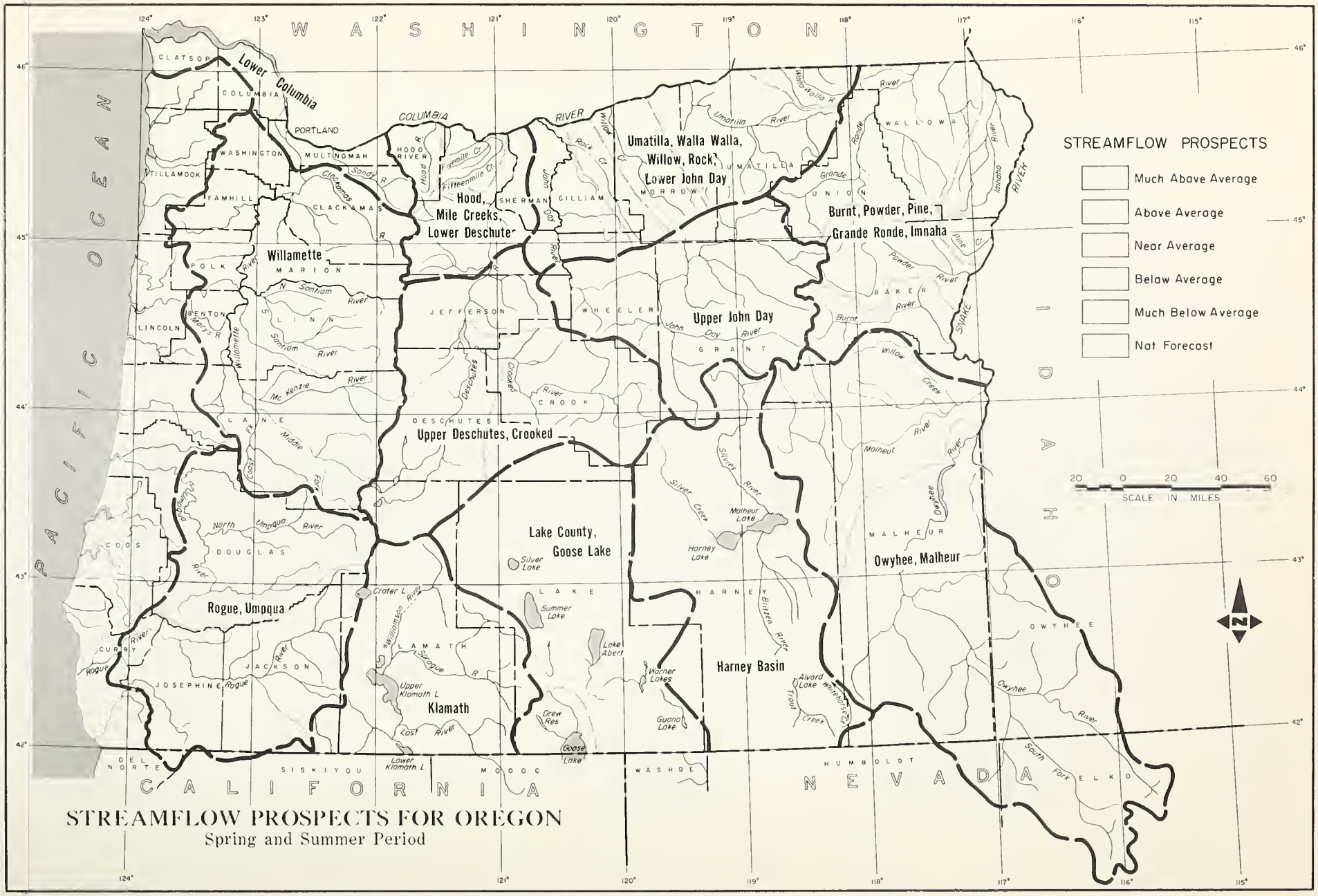


WATERSHED AREA LOCATIONS

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE



STREAMFLOW PROSPECTS FOR OREGON

Spring and Summer Period

WATER SUPPLY OUTLOOK FOR OREGON

JUNE 1, 1976

The water supply outlook still remains good for most of Oregon. However, shortages will occur for users who obtain their water from direct diversions in the Siskiyous, Eastern Klamath County and Lake County.

SNOW COVER

Snow currently remains only at the higher elevations. Late season measurements in the Cascades, indicate 25.4 inch water content at Park Headquarters at Crater Lake, 63.2 inch water content at the Test Site on Mt. Hood, and 31.3 inch water content at Summit Lake. These courses are at about 150% of average. No measurements were taken in Eastern Oregon as most courses are bare of snow this time of year.

PRECIPITATION

Precipitation in Oregon was poor during the past month. The central part of the state and Lake and Klamath counties received the least amounts at 15 to 20% of average. The rest of the state varied from 25% on the Rogue basin up to 75% on the Umatilla. Spring precipitation is a significant factor in the snow melt runoff and as a result, some forecasts have been lowered.

RESERVOIR STORAGE

Most reservoirs contain above average amounts of water for June 1. However, storage is not as good as last year's excellent amounts.

STREAMFLOW

Forecasted streamflow on some representative Oregon streams are as follows:

STREAM	PERIOD	FORECAST % OF AVERAGE
Owyhee Reservoir net Inflow	May-Sept.	120
Grande Ronde @ La Grande	May-Sept.	144
Deschutes @ Benham Falls	May-Sept.	106
Willamette @ Salem	May-Sept.	112
Rogue @ Raygold	May-Sept.	106
Klamath Lake net Inflow	May-Sept.	84
Chewaucan near Paisley	May-Sept.	80

This report contains data furnished by the Oregon Department of Water Resources, U.S. Geological Survey, NOAA National Weather Service and other cooperators.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average [c]
OWYHEE, MALHEUR WATERSHEDS					
Malheur near Drewsey	26	81	May-July		32
	27	84	May-Sept.		33
Malheur, North Fork at Beulah	28	80	May-July		35
	33	82	May-Sept.		40
Owyhee Reservoir net Inflow	190	121	May-July	636	157
	216	120	May-Sept.	671	180
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS					
Bear near Wallowa	58	100	May-Sept.		58
Burnt near Hereford	17.8	129	May-July		13.8
	18.8	127	May-Sept.		14.8
Catherine near Union	58	110	May-Sept.		53
Eagle Creek abv. Skull Creek	156	103	May-July		152
	172	103	May-Sept.		166
Grande Ronde at La Grande	133	145	May-July	185	92
	138	144	May-Sept.	191	96
Hurricane near Joseph	47	106	May-Sept.		44
Imnaha at Imnaha	251	99	May-Sept.		253
Lostine near Lostine	129	110	May-Sept.		117
Powder near Sumpter	40	100	May-July		40
	41	100	May-Sept.		41
Wallowa, East Fork near Joseph	8.9	105	May-July		8.5
	11.7	109	May-Sept.		10.7
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS					
Birch Creek at Rieth	7.1	100	May-July		7.1
McKay near Pilot Rock	9.8	111	May-Sept.		8.8
Umatilla near Gibbon	50	127	May-July		39
	56	124	May-Sept.		45
Umatilla at Pendleton	88	130	May-July		68
Walla Walla, South Fork near Milton	59	116	May-Sept.		51
Butter Creek near Pine City	3.7	109	May-July		3.4
UPPER JOHN DAY WATERSHEDS					
Camas Creek near Ukiah	18.4	114	May-July		16.2
	18.7	112	May-Sept.		16.7
John Day, Middle Fork at Ritter	75	112	May-July		67
	78	112	May-Sept.		70
John Day, North Fork at Monument	374	110	May-July		340
	389	110	May-Sept.		354
Strawberry near Prairie City	7.2	110	May-July		6.5
	7.9	110	May-Sept.		7.2
UPPER DESCHUTES, CROOKED WATERSHEDS					
Beaver Creek near Paulina	4.4	100	May-July		4.4
	4.6	100	May-Sept.		4.6
Crane Prairie Reservoir total Inflow	74	116	May-July		64
	114	108	May-Sept.		105
Crescent at Crescent Lake	19.0	122	May-July	24	15.6
	23	117	May-Sept.	31	19.6
Crooked near Post	35	109	May-July		32
Deschutes at Benham Falls	299	106	May-July		281
Deschutes below Snow Creek	66	117	May-Sept.	77	56
Deschutes, Little near La Pine	57	108	May-July	90	53
	68	108	May-Sept.	105	63
Ochoco Reservoir net Inflow	15.0	163	May-Sept.		9.2
Odell near Crescent	28	124	May-Sept.		23
Squaw near Sisters	48	105	May-Sept.		46
Tumalo near Bend	48	124	May-Sept.	54	39

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average [c]
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS					
Hood, West Fork near Dee	94	110	May-July		85
	120	112	May-Sept.		107
White below Tygh Valley	123	156	May-July		79
	132	140	May-Sept.		94
LOWER COLUMBIA WATERSHEDS					
Columbia at The Dalles	83,000	108	May-July		76,815
	99,800	109	May-Sept.		91,591
Sandy River near Marmot	261	115	May-July		227
	315	112	May-Sept.		282
WILLAMETTE WATERSHEDS					
Clackamas at Estacada	496	111	May-July		447
	617	110	May-Sept.		562
Clackamas above Three Lynx	396	116	May-July		343
	494	112	May-Sept.		440
McKenzie at McKenzie Bridge	368	112	May-July		329
	524	111	May-Sept.		474
McKenzie near Vida	794	110	May-July		720
	1038	110	May-Sept.		947
McKenzie, So. Fork near Rainbow	161	115	May-July		140
	194	115	May-Sept.		169
Oak Grove Fork above Power Intake	97	110	May-July		89
	139	109	May-Sept.		128
Row near Dorena	50	94	May-July		53
	55	95	May-Sept.		58
Santiam, North at Mehama	567	115	May-July		493
	690	115	May-Sept.		600
Santiam, South at Waterloo	339	105	May-July		323
	401	105	May-Sept.		382
Willamette, Mid. Fk. blw. N. Fk. nr. Oakridge	520	112	May-July	749	462
	629	112	May-Sept.	826	562
Willamette, No. Fk., of Mid. Fk. near Oakridge	126	104	May-July		121
	143	101	May-Sept.		141
Willamette at Salem	2933	112	May-July		2619
	3545	112	May-Sept.		3615
ROGUE, UMPQUA WATERSHEDS					
Applegate near Copper	65	80	May-July		81
	74	85	May-Sept.		87
Clearwater above Trap Creek	62	109	May-Sept.		57
Fourmile Lake net Inflow	3.5	117	May-July		3.0
Hyatt Reservoir net Inflow	2.5	114	May-July		2.2
Illinois River near Kerby	73	80	May-July		91
	78	80	May-Sept.		97
Little Butte, N.Fk. at Fish Lake nr. Lake Cr.	12.4	107	May-Sept.		11.6
Little Butte, S. Fk. near Lake Creek	17.7	110	May-July		16.1
	20	109	May-Sept.		18.4
Rogue above Prospect	189	103	May-July		184
	245	103	May-Sept.		239
Rogue, South Fork near Prospect	45	100	May-July		46
	60	106	May-Sept.		56
Rogue at Raygold near Central Point	525	106	May-July	767	493
	687	106	May-Sept.	946	648
Rogue at Grants Pass	658	105	May-Sept.		627
Umpqua, No. blw. Lemolo Res. nr. Toketee Falls	144	104	May-Sept.		139

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average [c]
KLAMATH WATERSHEDS					
Clear Lake Reservoir Inflow	6.0	40	May-Sept.		15.1
Gerber Reservoir Inflow	3.1	65	May-Sept.		4.8
Sprague near Chiloquin	108	65	May-Sept.		166
Upper Klamath Lake net Inflow	298	84	May-Sept.	529	353
Williamson below Sprague River	217	76	May-Sept.		287
LAKE COUNTY, GOOSE LAKE WATERSHEDS					
Chewaucan near Paisley	45	80	May-July	82	56
	48	80	May-Sept.	86	60
Deep above Adel	34	79	May-July	83	43
	36	80	May-Sept.	86	45
Drews Reservoir net Inflow	6.8	70	May-July		9.7
Honey Creek near Plush	7.9	70	May-July		11.3
	8.0	70	May-Sept.		11.4
Twentymile near Adel	7.5	70	May-July		10.7
	7.8	70	May-Sept.		11.1
HARNEY BASIN WATERSHEDS					
Donner und Blitzen near Frenchglen	37	100	May-July		37
	42	100	May-Sept.		42
Silver near Riley	5.1	100	May-July		5.1
Silvies River near Burns	35	106	May-July	95	33
	36	103	May-Sept.	98	35
Trout Creek near Denio	5.8	100	May-July		5.8
	6.2	100	May-Sept.		6.2

(a) Estimated. (b) 1958-72 adjusted average. (c) 1958-72, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average [c]
OWYHEE, MALHEUR WATERSHEDS				
Antelope	70.0	N.R.	61.8	46.7
Beulah Reservoir	60.0	40.9	59.4	49.0
Bully Creek	30.0	21.5	28.1	21.4
Owyhee	715.0	695.9	710.0	549.9
Warmsprings	191.0	165.9	186.2	136.2
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS				
Phillips Lake	73.5	67.8	71.9	--
Thief Valley	17.4	17.4	17.4	16.7
Unity	25.2	24.0	24.6	22.8
Wallowa Lake	37.5	30.2	31.6	30.2
UMATILLA, WALLA WALLA, WILLOW, ROCK LOWER JOHN DAY WATERSHEDS				
Cold Springs	50.0	48.6	49.7	47.8
McKay	73.8	67.9	67.8	60.7
UPPER DESCHUTES, CROOKED WATERSHEDS				
Crane Prairie	55.3	54.9	56.4	38.0
Crescent Lake	86.9	90.7	90.0	54.3
Ochoco	47.5	44.1	44.2	35.9
Prineville	153.0	146.6	151.2	146.0
Wickiup	200.0	169.3	180.0	165.9
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS				
Clear Lake (Wasco)	11.9	12.5	--	5.8
WILLAMETTE WATERSHEDS				
Blue River	85.6*	80.7	79.9	--
Cottage Grove	30.0*	26.4	28.6	27.3
Cougar	155.2*	143.8	145.3	141.2
Detroit	299.9*	267.8	265.7	281.1
Dorena	70.5*	62.9	65.4	64.3
Fall Creek	115.0*	107.3	109.8	108.1
Fern Ridge	94.2*	95.8	94.6	89.5
Foster	30.0*	24.9	25.1	24.6
Green Peter	270.0*	245.6	248.5	250.9
Hills Creek	200.0*	187.8	197.9	185.6
Lookout Point	337.2*	323.5	306.4	306.3
Timothy Lake	61.7	64.4	58.2	61.4
Henry Hagg Lake	53.0	53.6	52.9	--

N.R.--No Report

* Multiple purpose reservoir--space reserved primarily for flood runoff.

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average [c]
ROGUE, UMPQUA WATERSHEDS				
Emigrant Lake	39.0	35.0	38.6	35.2*
Fish Lake	8.0	8.0	8.1	6.5
Fourmile Lake	16.1	14.7	14.4	11.9
Howard Prairie	60.0	60.6	60.6	48.6
Hyatt Prairie	16.1	15.6	16.2	14.7
KLAMATH WATERSHEDS				
Clear Lake	440.2	279.7	377.2	258.0
Gerber	94.0	65.1	91.6	63.8
Upper Klamath Lake	584.0	471.1	495.7	534.7
LAKE COUNTY, GOOSE LAKE WATERSHEDS				
Cottonwood	8.7	5.0	8.7	7.0
Drews	63.0	52.3	64.4	53.1

* Average for years of record (in base period) after reconstruction.

(a) Estimated. (b) 1958-72 adjusted average. (c) 1958-72, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

JUNE 1, 1976

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont (In.)	Water Content (inches) Last Yr.	Ave.c
Annie Spring	5/28	36	19.9	47.2	--
Billie Creek Divide	5/25	0	0.0	--	0.0
Cascade Summit	5/28	23	10.7	24.0	7.5
Clear Lake	5/26	0	0.0	--	0.1
Clear Lake Experimental	5/26	0	0.0	--	0.5
Cold Springs Camp	5/26	39	18.0	--	13.5
Cold Springs Camp Pillow	5/26	35	16.0	--	--
Diamond-Crater Summit Rev.	5/25	39	19.1	--	14.1
Diamond Lake	5/25	19	8.8	--	3.2
Diamond Lake Junction	5/25	0	0.0	--	0.0
Fourmile Lake	5/25	0	0.0	--	--
Hogg Pass	5/27	63	27.0	56.7	22.7
Hungry Flat	5/26	0	0.0	0.0	0.0
Marion Forks	5/27	0	0.0	0.0	0.0
Mt. Hood Test Site	6/1	--	63.2	--	58.1
Mud Ridge	5/26	30	13.0	--	--
New Dutchman Flat #2	5/26	82	48.6	62.4	40.0
Park Headquarters	5/28	78	25.4	73.2	--
Peavine Ridge	6/1	--	0.0	--	--
Quartz Mountain	6/1	0	0.0	--	0.0
Railroad Overpass	5/28	0	0.0	0.0	0.0
Saddle Mountain Pillow	6/1	--	0.9	--	--
Salt Creek Falls	5/28	0	0.0	5.2	1.1
Santiam Junction	5/27	0	0.0	0.0	0.3
Seine Creek Pillow	6/1	--	0.0	0.0	--
Still Creek	5/26	25	11.4	--	4.6
Summit Lake Pillow	6/1	--	31.3	--	--
Tangent	5/26	0	0.0	9.4	0.0
Taylor Butte	5/24	0	0.0	--	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (inches) Last Yr.	Ave.c

(a) Estimated. (b) 1958-72 adjusted average. (c) 1958-72, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

JUNE 1, 1976

SOIL MOISTURE

DRAINAGE BASIN and/or STATION		Profile (Inches)		Date of Survey	Soil Moisture (Inches)		
Name	Elevation	Depth	Capacity		This Year	Last Year	Average [c]
OWYHEE, MALHEUR WATERSHEDS							
Bear Creek (Nev.)	7800	72	16.8		e	--	--
Big Bend (Nev.)	6700	48	16.7		e	--	--
Blue Mountain Spring	5900	42	16.9	6/1	12.1	--	12.8
Mud Flat (Ida.)	5500	48	12.8		e	--	--
Rodeo Flat (Nev.)	6800	42	11.0		e	--	--
Taylor Canyon (Nev.)	6200	48	15.1		e	--	--
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS							
Blue Mountain Summit	5100	36	16.8		e	--	15.2
Dooley Mountain	5430	36	9.2		e	--	5.7
Emigrant Springs	3925	48	22.3		e	--	20.7
Ladd Summit	3730	48	18.9	No Report		--	12.1
Moss Springs	5850	36	25.8		e	--	16.6
Tollgate	5070	48	23.6		e	--	19.4
UMATILLA, WALLA WALLA, WILLOW, ROCK LOWER JOHN DAY WATERSHEDS							
Battle Mountain Summit	4340	48	13.8	No Report		--	12.6
Emigrant Springs	3925	48	22.3		e	--	20.7
Tollgate	5070	48	23.6		e	--	19.4
UPPER JOHN DAY WATERSHEDS							
Battle Mountain Summit	4340	48	13.8	No Report		--	12.6
Blue Mountain Springs	5900	42	16.9	6/1	12.1	--	12.8
Blue Mountain Summit	5100	36	16.8		e	--	15.2
Derr	5670	24	9.0	5/26	8.6	--	8.5
Marks Creek	4540	36	14.1	No Report		--	13.2
Snow Mountain	6300	48	16.7	No Report		--	15.7
Starr Ridge	5150	36	10.6	6/1	10.5	--	10.3
UPPER DESCHUTES, CROOKED WATERSHEDS							
Derr	5670	24	9.0	5/26	8.6	--	8.5
Marks Creek	4540	36	14.1	No Report		--	13.2
Snow Mountain	6300	48	16.7	No Report		--	15.7
KLAMATH WATERSHEDS							
Quartz Mountain	5230	48	15.3	6/1	9.0	--	9.7
LAKE COUNTY, GOOSE LAKE WATERSHEDS							
Camas Creek	5720	42	14.5			--	12.6
Quartz Mountain	5230	48	15.3	6/1	9.0	--	9.7
HARNEY BASIN WATERSHEDS							
Blue Mountain Spring	5900	42	16.9	6/1	12.1	--	12.8
Silvies	6900	48	16.4		e	--	--
Snow Mountain	6300	48	16.7	No Report		--	15.7
Starr Ridge	5150	36	10.6	6/1	10.5	--	10.3
Willow-Bald	5000	24	6.6	No Report		--	5.6

(a) Estimated. (b) 1958-72 adjusted average. (c) 1958-72, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

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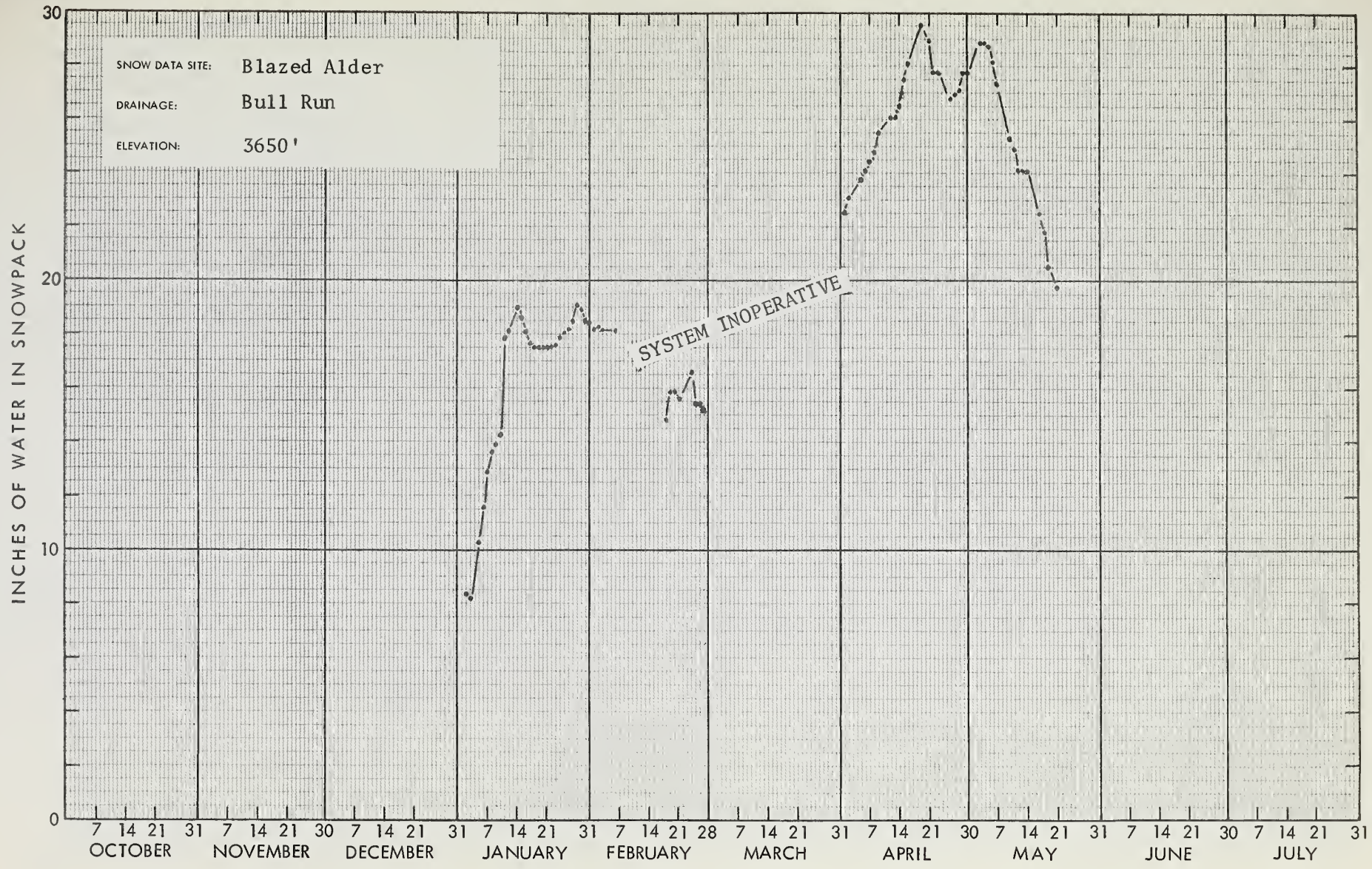
SNOW DATA SITE: Blazed Alder
DRAINAGE: Bull Run
ELEVATION: 3650'
SYSTEM INOPERATIVE
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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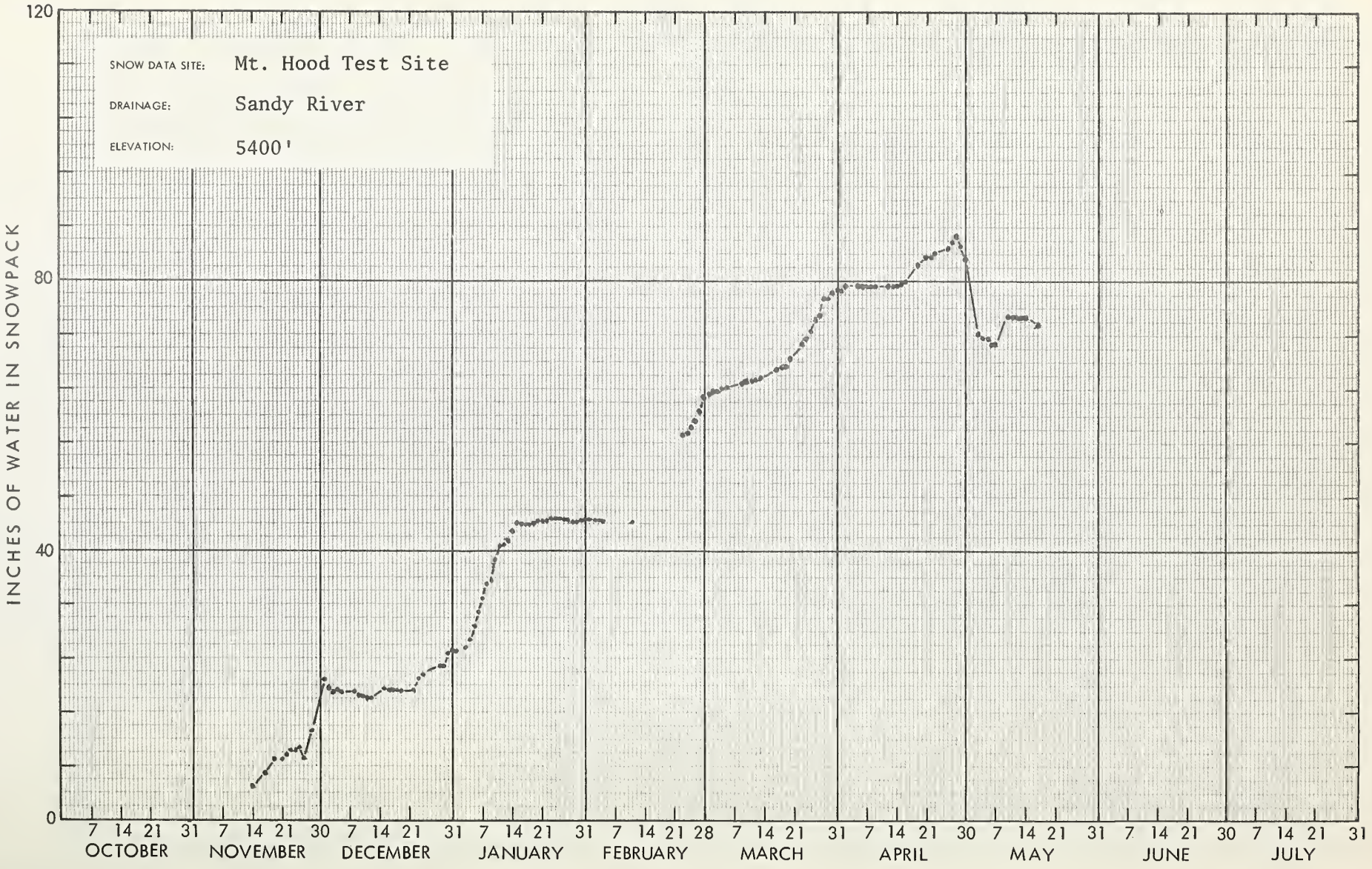
SNOW DATA SITE: Mt. Hood Test Site
DRAINAGE: Sandy River
ELEVATION: 5400'
INCHES OF WATER IN SNOWPACK
120
80
40
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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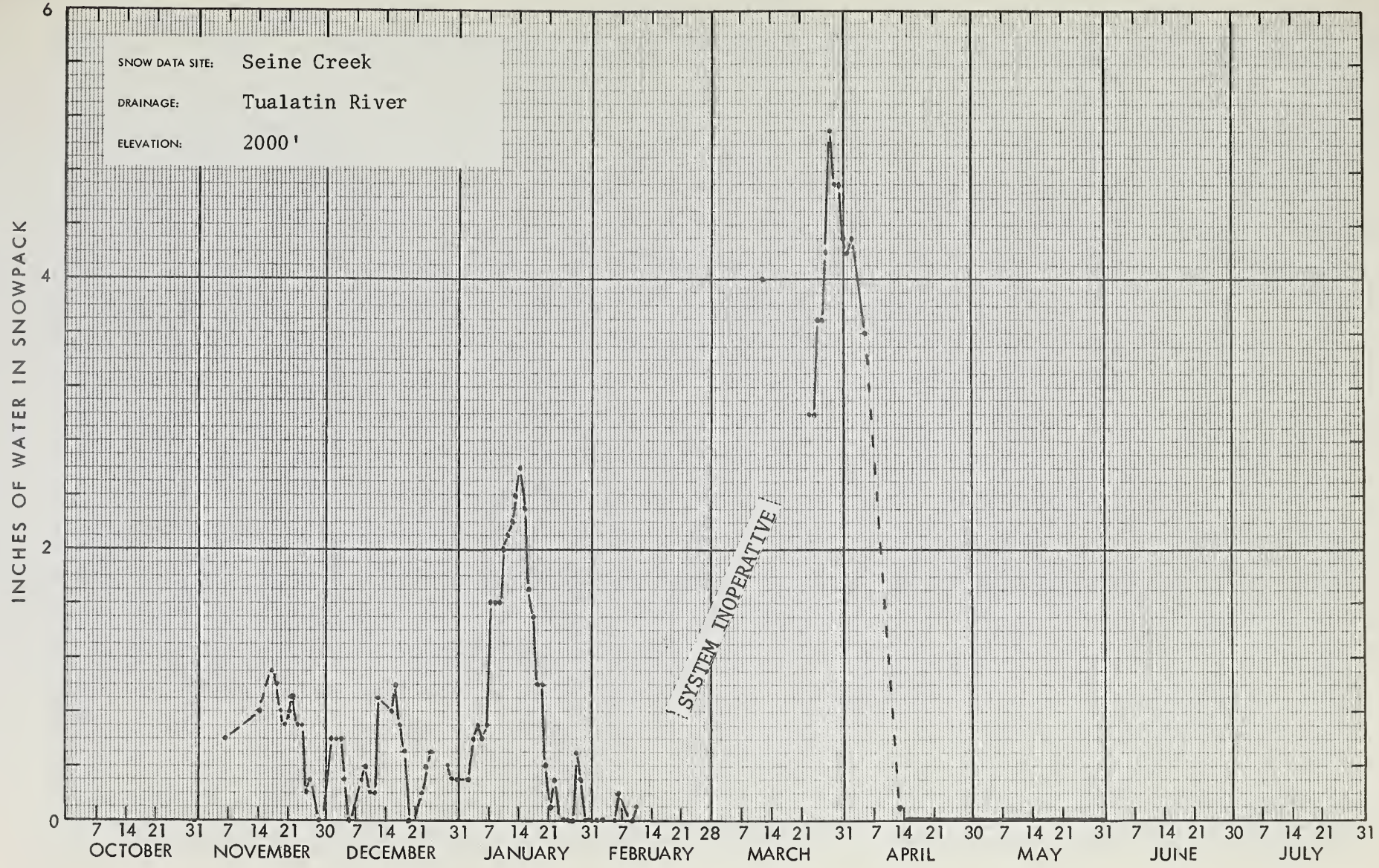
SNOW DATA SITE: Seine Creek
DRAINAGE: Tualatin River
ELEVATION: 2000'
INCHES OF WATER IN SNOWPACK
0
2
4
6
SYSTEM INOPERATIVE
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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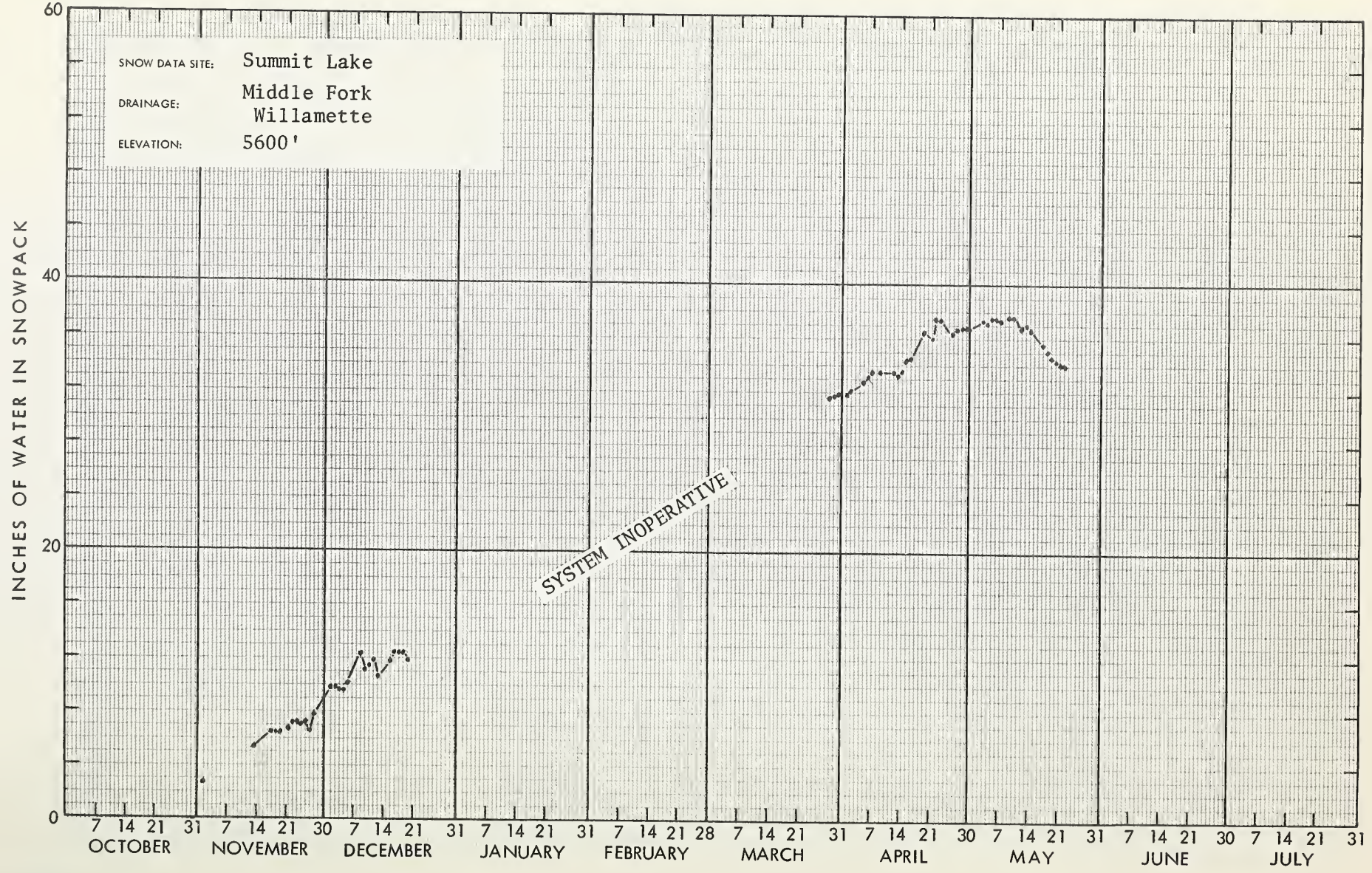
SNOW DATA SITE: Summit Lake
DRAINAGE: Middle Fork Willamette
ELEVATION: 5600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
SYSTEM INOPERATIVE
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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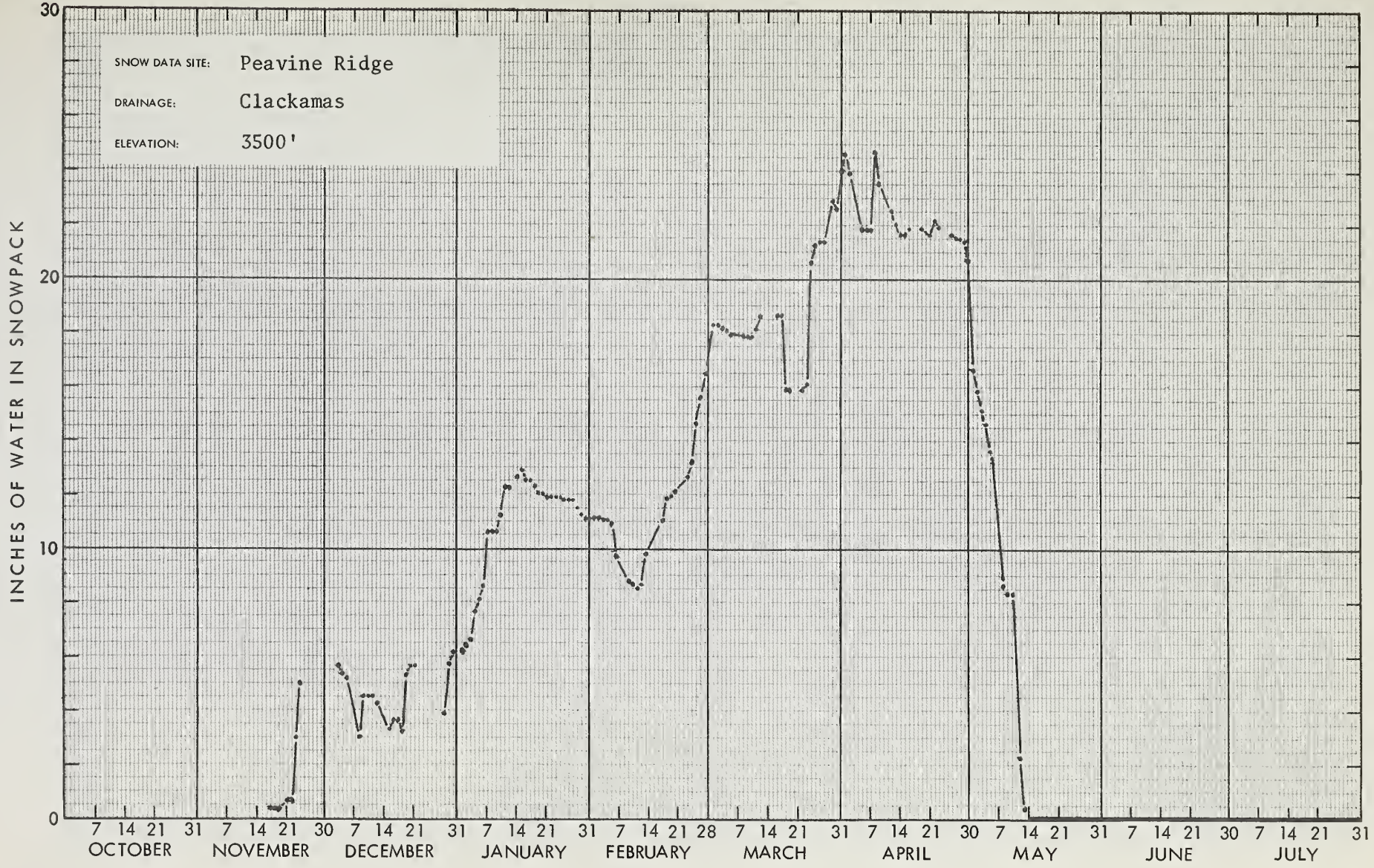
SNOW DATA SITE: Peavine Ridge
DRAINAGE: Clackamas
ELEVATION: 3500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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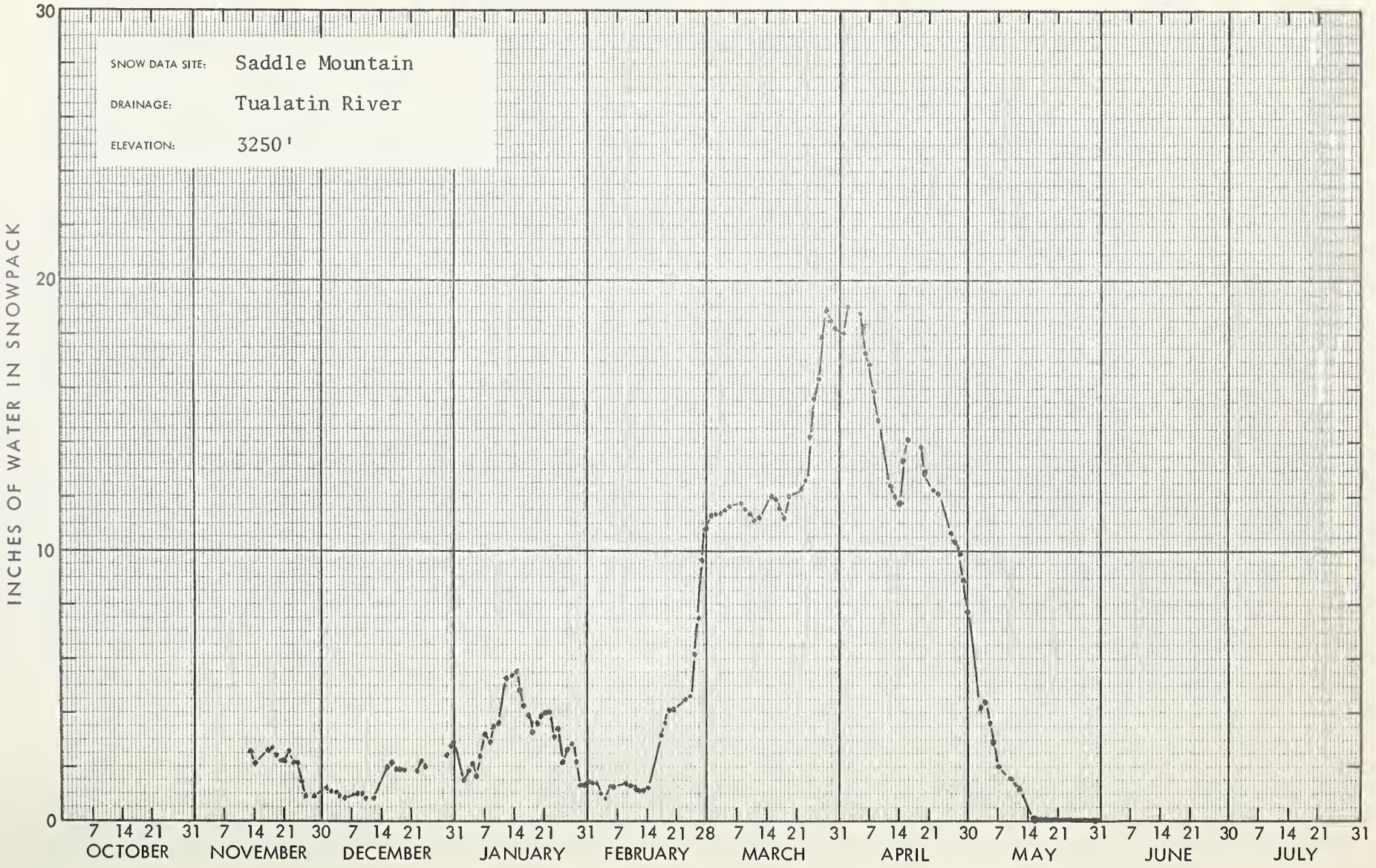
SNOW DATA SITE: Saddle Mountain
DRAINAGE: Tualatin River
ELEVATION: 3250'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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Previously Published	April	12.8
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- Nevada Cooperative Snow Surveys
- Oregon State University
- Oregon Department Of Water Resources
- Soil and Water Conservation Districts of Oregon

COUNTY
- Douglas County Water Resources Survey

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  - Cooperative Extension Service
  - Forest Service
  - Soil Conservation Service
- Department of Commerce
  - NOAA, National Weather Service
- Department of the Interior
  - Bonneville Power Administration
  - Bureau of Land Management
  - Bureau of Revlamation
  - Fish and Wildlife Service
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  - Corps of Army Engineers

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- Associated Ditch Companies
- Burnt River Irrigation District
- Central Oregon Irrigation District
- East Fork Irrigation District
- Grants Pass Irrigation District
- Hood River Irrigation District
- Jordan Valley Irrigation District
- Juniper Flat Irrigation District
- Lakeview Water Users, Incorporated
- Medford Irrigation District
- Middle Fork Irrigation District
- North Board of Control - Owyhee Project
- North Unit Irrigation District
- Ochoco Irrigation District
- Rogue River Valley Irrigation District
- South Board of Control - Owyhee Project
- Squaw Creek Irrigation District
- Talent Irrigation District
- Tumalo Project
- Vale - Oregon Irrigation District
- Warmsprings Irrigation District

PRIVATE ORGANIZATIONS
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